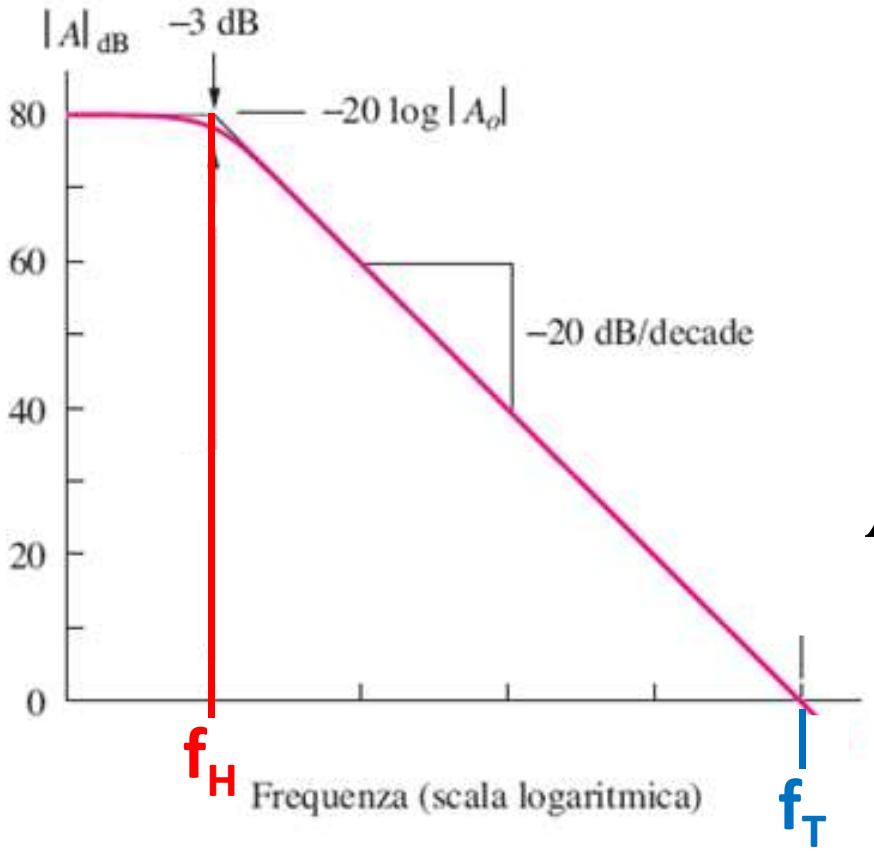
Banda LP AMP



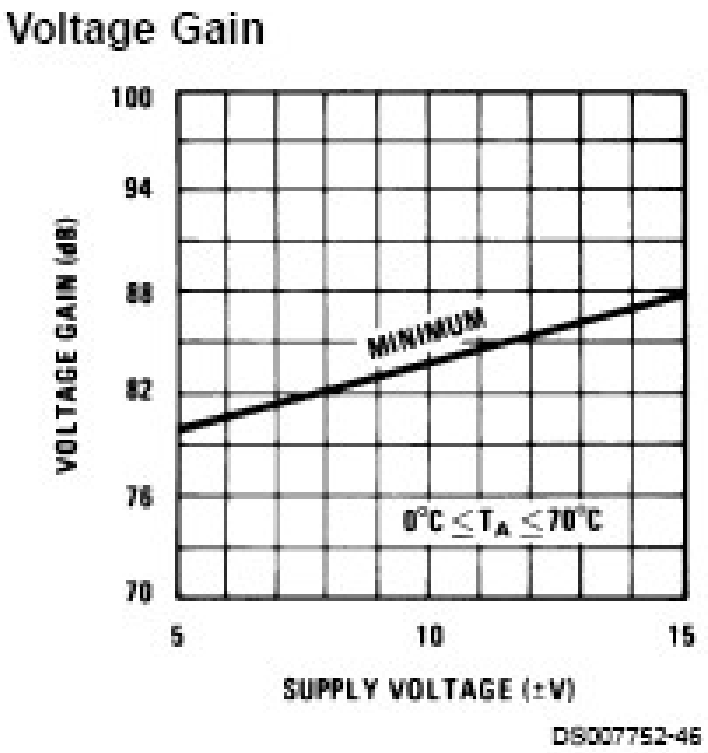
$$A(j\omega) = \frac{A_0}{1 + {}^{j\omega}/_{j\omega_H}}$$

$$A(j\omega) = \frac{A_0\omega_H}{j\omega+\omega_H} = \frac{\omega_T}{j\omega+\omega_H}$$

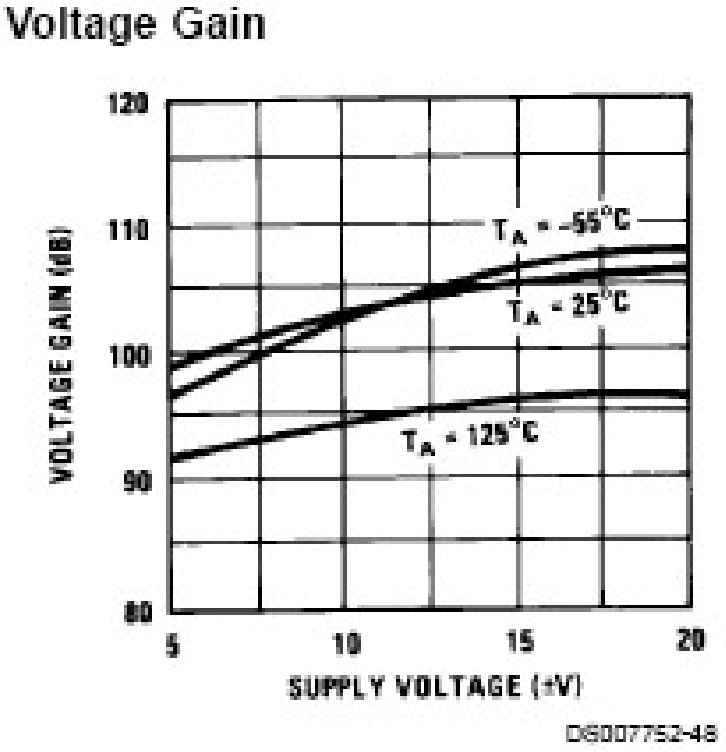
con $\omega_H = 2\pi \cdot f_H$

e $\omega_T = A_0 \cdot \omega_H$

Guadagno OPAMP



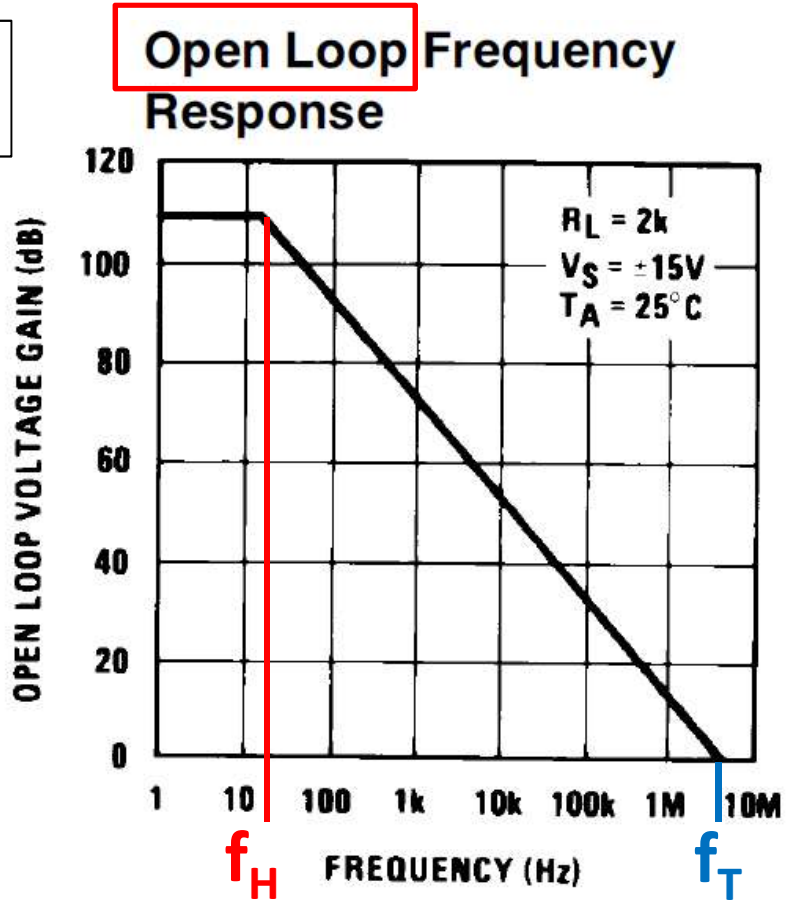
Minimo garantito



Tipico

Banda OPAMP

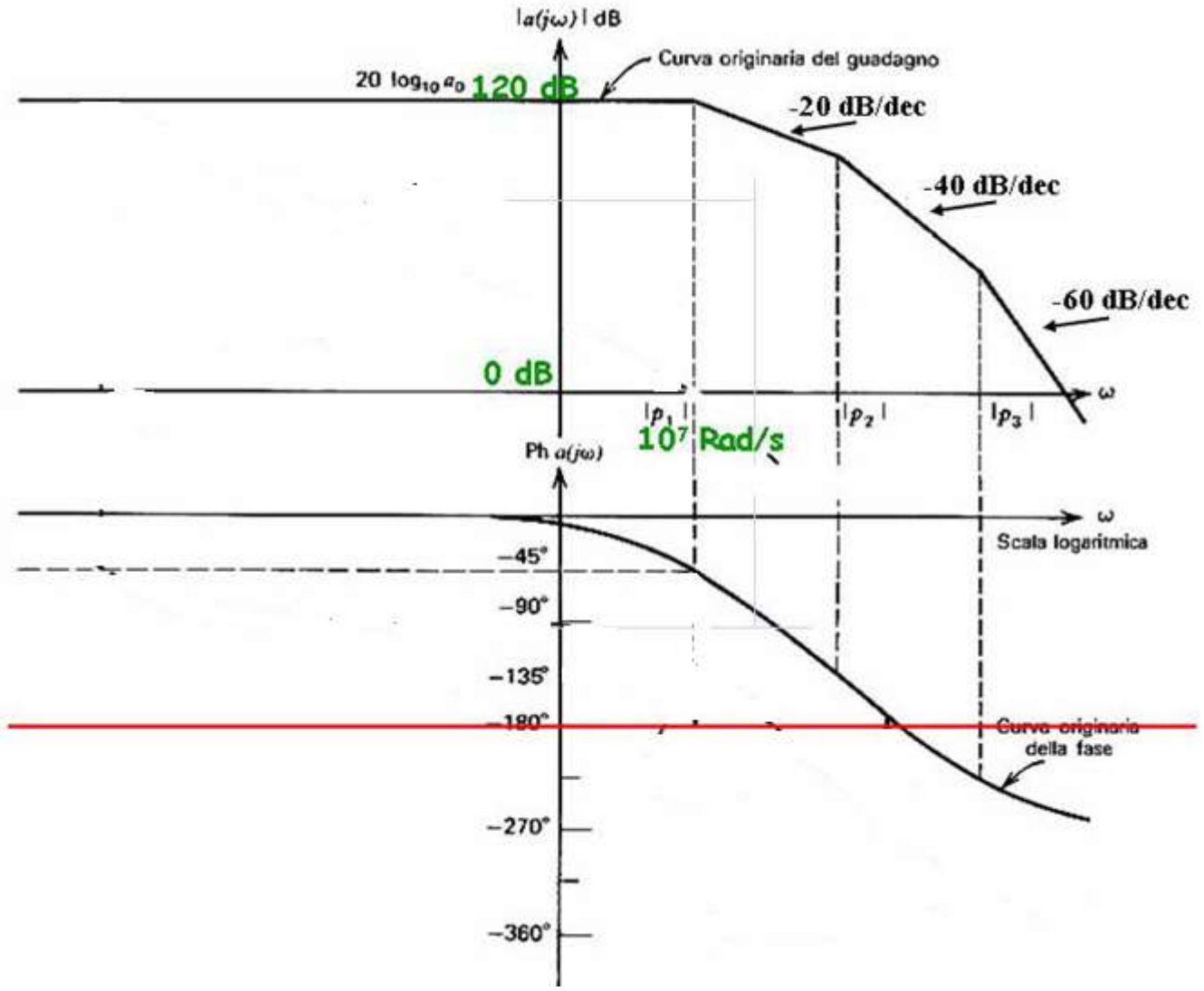
TL081



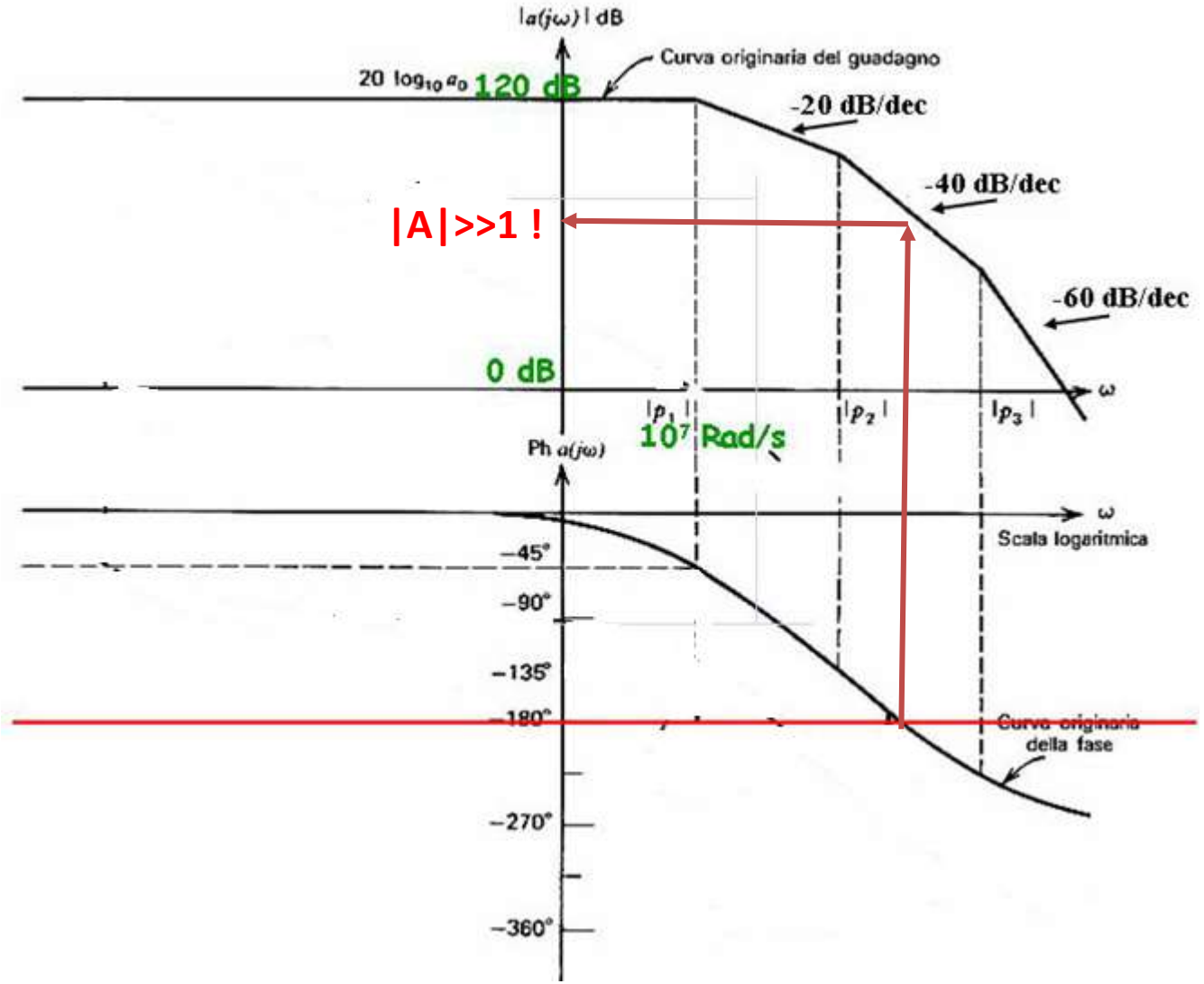
$$A(s) = \frac{A_0}{1 + s/\omega_H}$$

$\omega_H = 2\pi \cdot f_H$

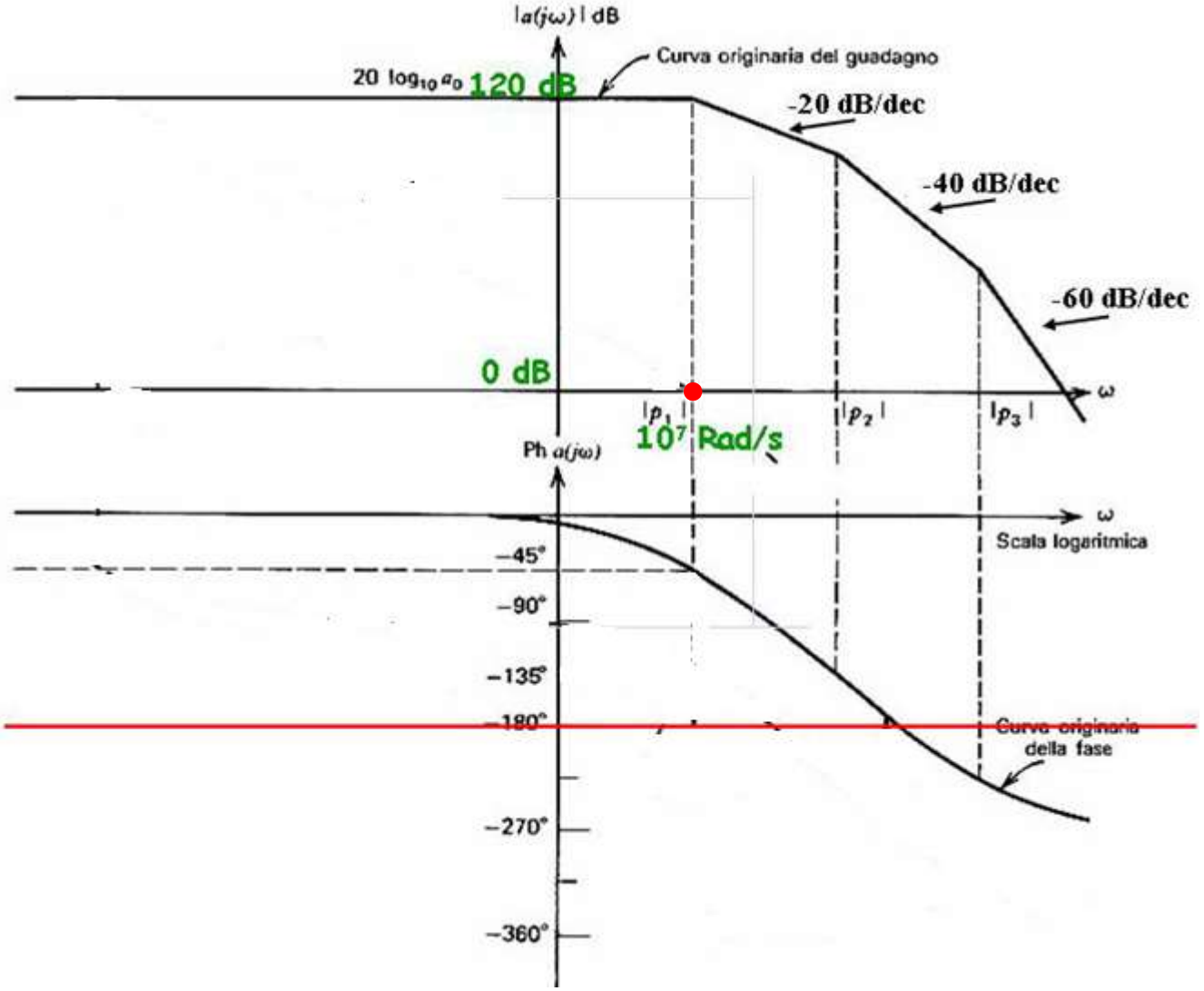
Compensazione



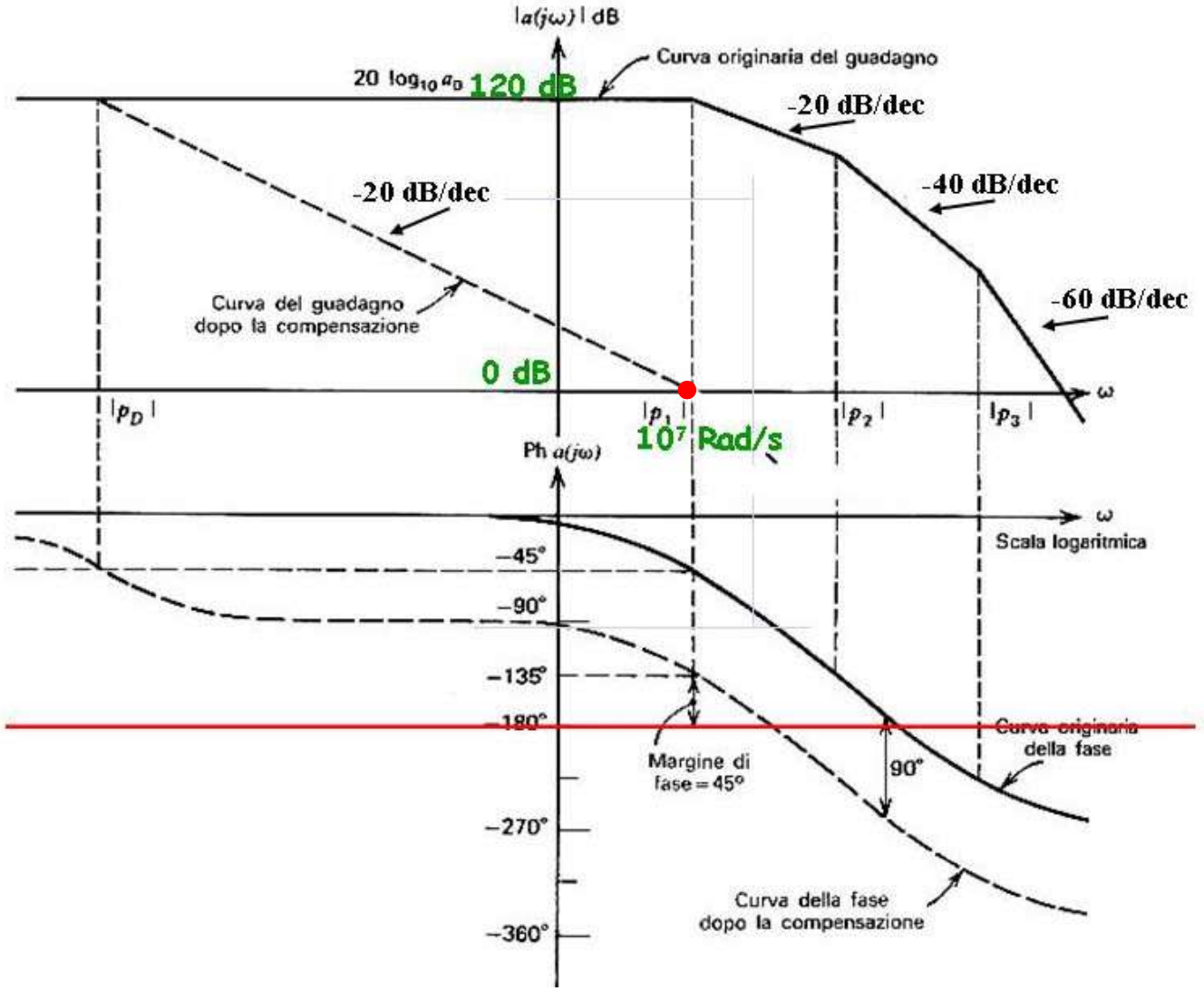
Compensazione



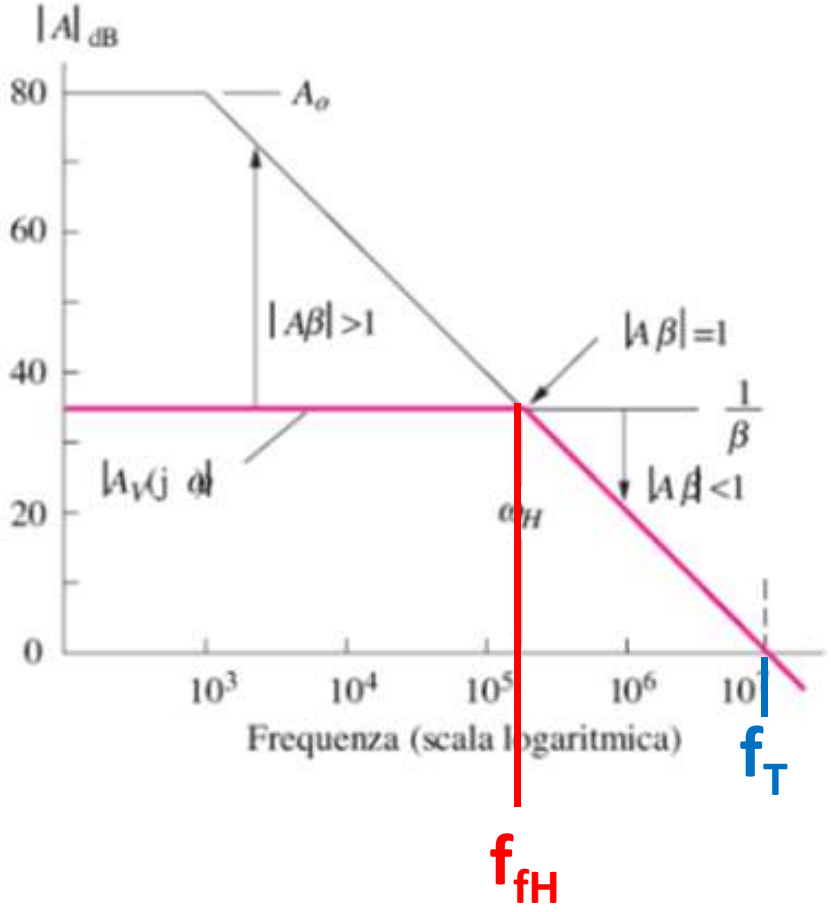
Compensazione



Compensazione



Banda OPAMP in FBK



$$A_f(j\omega) = \frac{A_{f0}}{1 + \frac{j\omega}{j\omega_{fH}}}$$

$$A_f(j\omega) = \frac{A_{f0}\omega_{fH}}{j\omega+\omega_{fH}} = \frac{\omega_T}{j\omega+\omega_{fH}}$$

con $\omega_{fH}=2\pi\cdot f_{fH}$

e $\omega_T=A_{f0}\cdot\omega_{fH}=A_0\cdot\omega_H$